

IN THE CLAIMS

1. (Currently Amended) A sound volume adjustment system for a personal computer, comprising:

a memory resident on the personal computer in which plural sound volume setting information for a plurality of software applications is stored; <sup>embodied at least two</sup> and an operating system resident on the personal computer; and sound volume adjustment control means resident on the personal computer for adjusting, based on said sound volume setting information, sound volume data for each application of the plurality of software applications based on said sound volume setting information and transferring adjusted sound volume data to an the operating system. *for controlling the volume for one of plurality of software applications of at least two applications*

2. (Previously Presented) The sound volume adjustment system for a personal computer according to claim 1, wherein

in said memory a sound volume adjustment coefficient is stored as said sound volume setting information, and

said sound volume adjustment control means multiplies said sound volume data by said sound volume adjustment coefficient to generate said adjusted sound volume data.

3. (Previously Presented) The sound volume adjustment system for a personal computer according to claim 1, wherein

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

4. (Previously Presented) The sound volume adjustment system for a personal computer according to claim 1, wherein

in said memory a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume adjustment control means multiplies said sound volume data by said sound volume adjustment coefficient to generate said adjusted sound volume data, and

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

b' 5. (Previously Presented) The sound volume adjustment system for a personal computer according to claim 1, wherein

when data is transferred from a software application for which sound volume setting information is yet to be stored,

said sound volume adjustment control means displays sound volume adjustment function indications on an operation screen to store, in said memory, sound volume setting information based on a sound volume set through said sound volume adjustment function indications corresponding to the software application.

6. (Previously Presented) The sound volume adjustment system for a personal computer according to claim 1, wherein

in said memory a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume adjustment control means multiplies said sound volume data by said sound volume adjustment coefficient to generate said adjusted sound volume data, and

when data is transferred from a software application for which sound volume setting information is yet to be stored,

said sound volume adjustment control means displays sound volume adjustment function indications on an operation screen to store, in said memory, sound volume setting information based on a sound volume set through said sound volume adjustment function indications corresponding to the software application.

6 7. (Previously Presented) The sound volume adjustment system for a personal computer according to claim 1, wherein

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system, and

when data is transferred from a software application for which sound volume setting information is yet to be stored,

said sound volume adjustment control means displays sound volume adjustment function indications on an operation screen to store, in said memory, sound volume setting information based on a sound volume set through said sound volume adjustment function indications corresponding to the software application.

8. (Previously Presented) The sound volume adjustment system for a personal computer according to claim 1, wherein

in said memory a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume adjustment control means multiplies said sound volume data by said sound volume adjustment coefficient to generate said adjusted sound volume data,

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system,

when data is transferred from a software application for which sound volume setting information is yet to be stored,

said sound volume adjustment control means displays sound volume adjustment function indications on an operation screen to store, in said memory, sound volume setting information based on a sound volume set through said sound volume adjustment function indications corresponding to the software application.

9. (Currently Presented) A sound volume adjustment method for a personal computer, comprising the steps of:

storing an operating system on the personal computer;

storing sound volume setting information for a plurality of software applications so that plural sound information is stored for said plurality of software applications,

adjusting, based on said sound volume setting information, sound volume data for each of the plurality of software applications based on said sound volume setting information; and

transferring adjusted sound volume data to ~~an~~ the operating system.

10. (Previously Presented) The sound volume adjustment method for a personal computer according to claim 9, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information, and

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said adjusted sound volume data.

11. (Previously Presented) The sound volume adjustment method for a personal computer according to claim 9, wherein

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

12. (Previously Presented) The sound volume adjustment method for a personal computer according to claim 9, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said adjusted sound volume data, and

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

13. (Previously Presented) The sound volume adjustment method for a personal computer according to claim 9, wherein

when data is transferred from a software application for which sound volume setting information is yet to be stored, sound volume setting information based on a set sound volume is stored in said memory corresponding to the software application.

14. (Previously Presented) The sound volume adjustment method for a personal computer according to claim 9, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said adjusted sound volume data, and

B' when data is transferred from a software application for which sound volume setting information is yet to be stored, sound volume setting information based on a set sound volume is stored in said memory corresponding to the software application.

15. (Previously Presented) The sound volume adjustment method for a personal computer according to claim 9, wherein

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system, and

when data is transferred from a software application for which sound volume setting information is yet to be stored, sound volume setting information based on a set sound volume is stored in said memory corresponding to the software application.

16. (Previously Presented) The sound volume adjustment method for a personal computer according to claim 9, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said adjusted sound volume data,

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system, and

when data is transferred from a software application for which sound volume setting information is yet to be stored, sound volume setting information based on a set sound volume is stored in said memory corresponding to the software application.

17. (Currently Amended) A computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment,

said sound volume adjustment program comprising the steps of:

interfacing with an operating system on the personal computer;

storing sound volume setting information for a plurality of software applications so that plural sound information is stored for said plurality of software applications,

adjusting, based on said sound volume setting information, sound volume data for each of the plurality of software applications based on said sound volume setting information, and


transferring adjusted sound volume data to ~~an~~the operating system.

18. (Previously Presented) The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information, and

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said adjusted sound volume data.

19. (Previously Presented) The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

 a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

20. (Previously Presented) The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said adjusted sound volume data, and




a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system.

21. (Previously Presented) The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

when data is transferred from a software application for which sound volume setting information is yet to be stored,

sound volume setting information based on a set sound volume is stored in said memory corresponding to the software application.

 22. (Previously Presented) The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume data is multiplied by said sound volume adjustment coefficient to generate said adjusted sound volume data, and

when data is transferred from a software application for which sound volume setting information is yet to be stored,

sound volume setting information based on a set sound volume is stored in said memory corresponding to the software application.

23. (Previously Presented) The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein

a sound volume adjustment coefficient is stored as said sound volume setting information,

said sound volume data is multiplied by said sound volume adjustment coefficient to generate adjusted said sound volume data,

a sound volume level of said adjusted sound volume data is set to be equivalent to that of a sound volume of a system sound (error sound) generated by said operating system, and

when data is transferred from a software application for which sound volume setting information is yet to be stored,

sound volume setting information based on a set sound volume is stored in said memory corresponding to the software application.

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